

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10594185
	Filing Date		2006-09-25
	First Named Inventor	Joseph B. Schlenoff	
	Art Unit		
	Examiner Name		
Attorney Docket Number		FSU 70008.3	

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9	6402918	B1	2002-06-11	Schlenoff et al.	
10	6468657	B1	2002-10-22	Hou et al.	
11	6610789	B2	2003-08-26	Watakabe et al.	
12	6841054	B2	2005-01-11	Schlenoff et al.	
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4	20040060481	A1	2004-04-01	Schlenoff	
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	1	BARKER, S. L. R., et al., "Control of Flow Direction in Microfluidic Devices with Polyelectrolyte Multilayers," <i>Analytical Chemistry</i> , December 15, 2000, Pages 5925-5929, Volume 72, Number 24	<input type="checkbox"/>
	2	CARUSO, F., et al., "Coated Colloids: Preparation, Characterization, Assembly and Utilization," Chapter 12, <i>Multilayer Thin Films</i> , 2003, Pages 331-362	<input type="checkbox"/>
	3	CHEN, W., et al., "Layer-by-Layer Deposition: A Tool for Polymer Surface Modification," <i>Macromolecules</i> , 1997, Pages 78-86, Volume 30, Number 1	<input type="checkbox"/>
	4	CHENG, Y., et al., "Ultrathin Polypeptide Multilayer Films for the Fabrication of Model Liquid/Liquid Electrochemical Interfaces," <i>J. Phys. Chem. B</i> , 1999, Pages 8726-8731, Volume 103, Number 41	<input type="checkbox"/>
	5	DAI, J., et al., "Controlling the Permeability of Multilayered Polyelectrolyte Films Through Derivatization, Cross-Linking, and Hydrolysis," <i>Langmuir</i> , 2001, Pages 931-937, Volume 17, Number 3	<input type="checkbox"/>
	6	DECHER, G., "Fuzzy Nanoassemblies: Toward Layered Polymeric Multicomposites," <i>Science</i> , August 29, 1997, Pages 1232-1237, Volume 277	<input type="checkbox"/>
	7	DECHER, G., "Polyelectrolyte Multilayers, An Overview," Chapter 1, <i>Multilayer Thin Films</i> , 2002, Pages 1-46	<input type="checkbox"/>
	8	DELONGCHAMP, D. M., et al., "Fast Ion Conduction in Layer-by-Layer Polymer Films," <i>Chem. Mater.</i> , 2003, Pages 1165-1173, Volume 15, Number 5	<input type="checkbox"/>
	9	DEYOUNG, J. P., et al., "Synthesis of Fluoropolymers in Liquid and Supercritical Carbon Dioxide Solvent Systems," Chapter 13, <i>Fluoropolymers 1 Synthesis</i> , 1999, Pages 191-205	<input type="checkbox"/>
	10	DURSTOCK, M. F., et al., "Dielectric Properties of Polyelectrolyte Multilayers," <i>Langmuir</i> , 2001, Pages 7865-7872, Volume 17, Number 25	<input type="checkbox"/>

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11	FRIEND, R. H., et al., "Electroluminescence in Conjugated Polymers," Chapter 29, Handbook of Conducting Polymers, 1998, Pages 823-845	<input type="checkbox"/>
12	GOOD, R. J., "Contact Angle, Wetting, and Adhesion: A Critical Review," J. Adhesion Sci. Technol., 1992, Pages 1269-1302, Volume 6, Number 12	<input type="checkbox"/>
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14	HSIEH, M. C., et al., "Surface "Priming" for Layer-by-Layer Deposition: Polyelectrolyte Multilayer Formation on Allylamine Plasma-Modified Poly(tetrafluoroethylene)," Macromolecules, 1997, Pages 8453-8458, Volume 30, Number 26	<input type="checkbox"/>
15	HYDE, F. W., et al., "Comparison of Fluorinated Polymers Against Stainless Steel, Glass and Polypropylene in Microbial Biofilm Adherence and Removal," Journal of Industrial Microbiology and Biotechnology, July 15, 1997, Pages 142-149, Volume 19	<input type="checkbox"/>
16	ILER, R.K., "Multilayers of Colloidal Particles," Journal of Colloid and Interface Science, 1966, Pages 569-594, Volume 21	<input type="checkbox"/>
17	JISR, R. M., et al., "Hydrophobic and Ultrahydrophobic Multilayer Thin Films from Perfluorinated Polyelectrolytes," Angew. Chem. Int. Ed., 2005, Pages 782-785, Volume 44	<input type="checkbox"/>
18	KOZLOVSKAYA, V., et al., "Hydrogen-Bonded Polymer Capsules Formed by Layer-by-Layer Self-Assembly," Macromolecules, 2003, Pages 8590-8592, Volume 36, Number 23	<input type="checkbox"/>
19	LOSCHKE, M., et al., "Detailed Structure of Molecularly Thin Polyelectrolyte Multilayer Films on Solid Substrates as Revealed by Neutron Reflectometry," Macromolecules, 1998, Pages 8893-8906, Volume 31, Number 25	<input type="checkbox"/>
20	MAMEDOV, A. A., et al., "Free-Standing Layer-by-Layer Assembled Films of Magnetite Nanoparticles," Langmuir, 2000, Pages 5530-5533, Volume 16, Number 13	<input type="checkbox"/>
21	MICHAELS, A. S., "Polyelectrolyte Complexes," Industrial and Engineering Chemistry, October 1965, Pages 32-40, Volume 57, Number 10	<input type="checkbox"/>

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22	ONER, D., et al., "Ultrahydrophobic Surfaces. Effects of Topography Length Scales on Wettability," Langmuir, 2000, Pages 7777-7782, Volume 16, Number 20	<input type="checkbox"/>
23	PARK, J., et al., "Stamping of Fluorinated Copolymers for Microfluidic Applications," Polymer Preprints, 2003, Pages 1-2, Volume 44, Number 1	<input type="checkbox"/>
24	ROSIDIAN, A., et al., "Ionic Self-Assembly of Ultrahard ZrO <sub>2</sub> /Polymer Nanocomposite Thin Films," Advanced Materials, 1998, Pages 1087-1091, Volume 10, Number 14	<input type="checkbox"/>
25	SALLOUM D. S., et al., "Vascular Smooth Muscle Cells on Polyelectrolyte Multilayers: Hydrophobicity-Directed Adhesion and Growth," Biomacromolecules, 2005, Pages 161-167, Volume 6, Number 1	<input type="checkbox"/>
26	SCHLENOFF, J. B., et al., "Sprayed Polyelectrolyte Multilayers," Langmuir, 2000, Pages 9968-9969, Volume 16, Number 26	<input type="checkbox"/>
27	THOMPSETT, D., "Catalysts for the Proton Exchange Membrane Fuel Cell," Chapter 6, Fuel Cell Technology Handbook, 1989, Pages 6-1 - 6-23	<input type="checkbox"/>
28	YANG, B., et al., "Multilayered Membranes with Suppressed Fuel Crossover for Direct Methanol Fuel Cells," Electrochemistry Communications 6, 2004, Pages 231-236	<input type="checkbox"/>
29	YOO, D., et al., "Controlling Bilayer Composition and Surface Wettability of Sequentially Absorbed Multilayers of Weak Polyelectrolytes," Macromolecules, 1998, Pages 4309-4318, Volume 31, Number 13	<input type="checkbox"/>

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/ Edward J. Hejlek /	Date (YYYY-MM-DD)	2007-02-23
Name/Print	Edward J. Hejlek	Registration Number	31,525

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